



HYGIENETECH

Hygiene Technologies International, Inc.

3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

August 13, 2012

California State Board of Equalization
450 N Street
Sacramento, California 94279

Document No. 21207001.2

Attention: David Gau

Regarding: Limited Fungal Growth Exposure Assessment Survey
July 2012 QPCR Air Sampling

Dear Mr. Gau:

On July 27, 2012, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) conducted a limited fungal growth exposure assessment survey within the California State Board of Equalization (BOE) building located at 450 N Street in Sacramento, California. Air samples were analyzed using quantitative polymerase chain reaction (QPCR) analysis. During the survey, three air samples each were collected from Floors 1, 3, 5, 7, 9, 11, 15, 17, 19, 21, and 23.

Air samples for QPCR analysis were collected on filter cassettes containing pre-loaded 37-millimeter diameter, polycarbonate filters having a pore size of four micrometers using high volume air sampling pumps. Each pump flow rate was calibrated and verified using a DryCal® DC-Lite Primary Flow Meter. All such samples were subsequently analyzed by trained and experienced microbiologists at EMLab P&K, a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing Program. Two samples per floor collected for QPCR analysis were analyzed for quantification of *Cladosporium* species via custom panel for *Cladosporium*, which included *C. cladosporioides* (Type 1), *C. cladosporioides* (Type 2), *C. herbarum*, and *C. sphaerospermum*. One sample per floor along with the outdoor samples collected for QPCR analysis were analyzed for quantification of *Cladosporium* species via custom panel for *Cladosporium*, which included *Cladosporium cladosporioides* (Type 2), *Cladosporium herbarum*, *Cladosporium sphaerospermum*, as well as an additional 23 important indoor molds including *Cladosporium cladosporioides* (Type 1). Applied methodology has been developed by and is licensed through the EPA.

On the survey date, the airborne spore equivalent count data as presented in Table 21207001-8A showed fungal spore equivalent types outdoors such as *Acremonium strictum*, *Alternaria alternata*, *Aspergillus flavus* (*A. flavus* and *A. oryzae*), *Aspergillus fumigatus* (*A. fumigatus* and *Neosartorya fischeri*), *Aspergillus niger* (*A. niger*, *A. foetidus* and *A. phoenicis*), *Aspergillus ochraceus* (*A. ochraceus* and *A. ostianus*), *Aspergillus versicolor*, *Cladosporium cladosporioides* (Type 1), *Cladosporium cladosporioides* (Type 2), *Cladosporium herbarum*, *Cladosporium sphaerospermum*, *Eurotium* (Asp.) *amstelodami* (*E. amstelodami*, *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*), *Paecilomyces variotii*, *Penicillium brevicompactum*, *Scopulariopsis brevicaulis* (*S. brevicaulis* and *S. Fusca*), and/or



Stachybotrys chartarum. As presented in Tables 21207001-8A and 8B, in the indoor areas tested on the survey date, the data showed low airborne concentrations of fungal spore equivalent that included one or more of the following: *Acremonium strictum*, *Aspergillus fumigatus* (*A. fumigatus* and *Neosartorya fischeri*), *Aspergillus niger* (*A. niger*, *A. foetidus* and *A. phoenicis*), *Aspergillus ustus*, *Cladosporium cladosporioides* (Type 1), *Cladosporium cladosporioides* (Type 2), *Cladosporium herbarum*, *Cladosporium sphaerospermum*, *Eurotium* (Asp.) *amstelodami* (*E. amstelodami*, *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*), *Penicillium brevicompactum*, *Stachybotrys chartarum* and/or *Trichoderma viride* (*T. viride*, *T. atroviride* and *T. koningii*).

Please note that *Cladosporium sphaerospermum*, the dominant species of *Cladosporium* genus identified in the heating, ventilating, and air conditioning (HVAC) duct interior was either not detected above the laboratory analytical limit or was found at very low levels in both the indoor and outdoor samples collected. The distribution of fungal spore equivalent types detected in the surveyed areas was consistent with those found outdoors, and the overall data within the tested areas were well below the overall data recorded outdoors. Collectively, these data were considered unremarkable and are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

Be advised that the data provided in this report only represent limited fungal growth and exposure potentials that existed at the time the survey was performed and at the precise sample locations indicated, the latter of which were selected based on the available background information provided. Note that fungal growth and exposure potentials may change due to changes in environmental conditions (such as those caused by water intrusion), use of mechanical systems, changes in fungal growth within HVAC systems, or other factors.

If you have any comments or questions regarding the information contained in this correspondence, please feel free to contact our offices directly at (310) 370-8370.

Sincerely,

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

Kenny K. Hsi, CIH
Technical Director

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8A
QUANTITATIVE PCR RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 27, 2012**

Page 1

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P01OUT	21207001-8 P05	21207001-8 P07	21207001-8 P10
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 10 feet north of the building; approximately five feet above ground/Normal outdoor activities	7 th Floor; Elevator Lobby; approximately five feet above floor/Sampling activities only	11 th Floor; Low-Rise Elevator Lobby; about center; approximately five feet above floor/Sampling activities only	19 th Floor; Elevator Lobby; approximately five feet above floor/Sampling activities only
START/STOP	05:15:00/08:15:00	05:38:00/08:46:00	05:52:00/08:53:00	06:07:00/09:07:00
SAMPLE TIME	180 minutes	188 minutes	181 minutes	180 minutes
Acremonium strictum	<1	1	<1	<1
Alternaria alternata	<2	<1	<1	<1
Aspergillus flavus ^{a)}	<1	<1	<1	<1
Aspergillus fumigatus ^{b)}	30	14	<1	<1
Aspergillus niger ^{c)}	5	2	21	<1
Aspergillus ochraceus ^{d)}	<1	<1	<1	<1
Aspergillus sydowii	<16	<15	<8	<13
Aspergillus ustus	<1	<1	<1	<1
Aspergillus versicolor	<2	<2	<1	<2
Chaetomium globosum	<1	<1	<1	<1
Cladosporium cladosporioides (T-1)	210	5	9	9
Cladosporium cladosporioides (T-2)	6	1	1	1
Cladosporium herbarum	8	1	1	1
Cladosporium sphaerospermum	<1	<1	<1	<1
Eurotium (Asp.) amstelodami ^{e)}	78	22	<1	<1
Memnoniella echinata	<1	<1	<1	<1
Paecilomyces variotii	<1	<1	<1	<1
Penicillium aurantiogriseum ^{f)}	<4	<4	<2	<3
Penicillium brevicompactum	25	<4	<2	5
Penicillium chrysogenum (T-2) ^{g)}	<1	<1	<1	<1
Penicillium purpurogenum	<3	<3	<1	<2
Penicillium variable	<10	<9	<5	<8
Scopulariopsis brevicaulis ^{h)}	3	<1	<1	<1
Stachybotrys chartarum	<1	<1	<1	<1
Trichoderma viride ⁱ⁾	<1	11	<1	<1
Ulocladium botrytis	<1	<1	<1	<1

a) Includes A. flavus and A. oryzae

c) Includes A. niger, A.foetidus and A.phoenicis

e) Includes E. amstelodami, E.chevalieri, E.herbariorum, E.rubrum and E.repens

g) Includes dominant subgroups of species

i) Includes T.viride, T.atroviride and T.koningii

b) Includes A. fumigatus and Neosartorya fischeri

d) Includes A. ochraceus and A.ostianus

f) Includes P. aurantiogriseum, P.freii, P.polonicum, P.tricolor and P.viridicatum

h) Includes S.brevicaulis and S.fusca

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8A
QUANTITATIVE PCR RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 27, 2012**

Page 2

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P12	21207001-8 P13OUT	21207001-8 P22	21207001-8 P23
SAMPLING LOCATION/ACTIVITIES	23 rd Floor; Elevator Lobby; approximately five feet above floor/Sampling activities only	Outdoors; exterior deck; western portion; approximately five feet above floor/Normal outdoor activities	5 th Floor; Cubicle at Column L17 about center; approximately five feet above floor/Normal office activities	3 rd Floor; Room 311; Cubicle136; about center; approximately five feet above floor/Normal office activities
START/STOP	06:20:00/09:17:00	09:57:00/12:59:00	10:47:00/13:50:00	10:54:00/13:57:00
SAMPLE TIME	177 minutes	182 minutes	183 minutes	183 minutes
Acremonium strictum	<1	<1	<1	<1
Alternaria alternata	<1	<1	<1	<1
Aspergillus flavus ^{a)}	<1	1	<1	<1
Aspergillus fumigatus ^{b)}	<1	28	<1	<1
Aspergillus niger ^{c)}	9	3	1	<1
Aspergillus ochraceus ^{d)}	<1	<1	<1	<1
Aspergillus sydowii	<12	<12	<7	<6
Aspergillus ustus	<1	<1	1	<1
Aspergillus versicolor	<2	<2	<1	<1
Chaetomium globosum	<1	<1	<1	<1
Cladosporium cladosporioides (T-1)	23	1,000	<1	4
Cladosporium cladosporioides (T-2)	<1	11	1	1
Cladosporium herbarum	1	63	1	<1
Cladosporium sphaerospermum	<1	<1	<1	<1
Eurotium (Asp.) amstelodami ^{e)}	<1	150	<1	<1
Memnoniella echinata	<1	<1	<1	<1
Paecilomyces variotii	<1	1	<1	<1
Penicillium aurantiogriseum ^{f)}	<3	<3	<2	<2
Penicillium brevicompactum	<3	<3	<2	<2
Penicillium chrysogenum (T-2) ^{g)}	<1	<1	<1	<1
Penicillium purpurogenum	<2	<2	<1	<1
Penicillium variable	<7	<8	<4	<3
Scopulariopsis brevicaulis ^{h)}	<1	1	<1	<1
Stachybotrys chartarum	<1	1	<1	<1
Trichoderma viride ⁱ⁾	<1	<1	<1	<1
Ulocladium botrytis	<1	<1	<1	<1

a) Includes A. flavus and A. oryzae

c) Includes A. niger, A.foetidus and A.phoenicis

e) Includes E. amstelodami, E.chevalieri, E.herbariorum, E.rubrum and E.repens

g) Includes dominant subgroups of species

i) Includes T.viride, T.atroviride and T.koningii

b) Includes A. fumigatus and Neosartorya fischeri

d) Includes A. ochraceus and A.ostianus

f) Includes P. aurantiogriseum, P.freii, P.polonicum, P.tricolor and P.viridicatum

h) Includes S.brevicaulis and S.fusca

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8A
QUANTITATIVE PCR RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 27, 2012**

Page 3

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P24	21207001-8 P25OUT	21207001-8 P30	21207001-8 P32
SAMPLING LOCATION/ACTIVITIES	1 st Floor; Room 113; southeast corner; approximately five feet above floor/Sampling activities only	Outdoors; garage northern portion; approximately five feet above floor/Normal outdoor activities	9 th Floor; Conference Room 908; northern portion; about center; approximately five feet above floor/Normal office activities	15 th Floor; cubicle at Column N23; approximately five feet above floor/Normal office activities
START/STOP	10:59:00/14:03:00	14:12:00/17:12:00	14:44:00/17:46:00	14:54:00/17:55:00
SAMPLE TIME	184 minutes	180 minutes	182 minutes	181 minutes
Acremonium strictum	<1	1	<1	<1
Alternaria alternata	<1	1	<1	<1
Aspergillus flavus ^{a)}	<1	<1	<1	<1
Aspergillus fumigatus ^{b)}	<1	<1	1	<1
Aspergillus niger ^{c)}	<1	19	<1	1
Aspergillus ochraceus ^{d)}	<1	1	<1	<1
Aspergillus sydowii	<7	<7	<8	<8
Aspergillus ustus	<1	<1	<1	<1
Aspergillus versicolor	<1	1	<1	<1
Chaetomium globosum	<1	<1	<1	<1
Cladosporium cladosporioides (T-1)	10	900	<1	2
Cladosporium cladosporioides (T-2)	1	49	<1	1
Cladosporium herbarum	1	31	1	1
Cladosporium sphaerospermum	<1	1	<1	<1
Eurotium (Asp.) amstelodami ^{e)}	<1	<1	<1	<1
Memnoniella echinata	<1	<1	<1	<1
Paecilomyces variotii	<1	1	<1	<1
Penicillium aurantiogriseum ^{f)}	<2	<2	<2	<2
Penicillium brevicompactum	<2	5	<2	<2
Penicillium chrysogenum (T-2) ^{g)}	<1	<1	<1	<1
Penicillium purpurogenum	<1	<1	<1	<1
Penicillium variable	<4	<4	<4	<4
Scopulariopsis brevicaulis ^{h)}	<1	4	<1	<1
Stachybotrys chartarum	<1	<1	<1	<1
Trichoderma viride ⁱ⁾	<1	<1	<1	<1
Ulocladium botrytis	<1	<1	<1	<1

a) Includes A. flavus and A. oryzae

c) Includes A. niger, A. foetidus and A. phoenicis

e) Includes E. amstelodami, E. chevalieri, E. herbariorum, E. rubrum and E. repens

g) Includes dominant subgroups of species

i) Includes T. viride, T. atroviride and T. koningii

b) Includes A. fumigatus and Neosartorya fischeri

d) Includes A. ochraceus and A. ostianus

f) Includes P. aurantiogriseum, P. freii, P. polonicum, P. tricolor and P. viridicatum

h) Includes S. brevicaulis and S. fusca

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8A
QUANTITATIVE PCR RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 27, 2012**

Page 4

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P33	21207001-8 P35	21207001-8 P37 BLANK	
SAMPLING LOCATION/ACTIVITIES	17 th Floor; Column K20 area; approximately five feet above floor/Normal office activities	21 st Floor; Quiet Room 2116; about center; approximately five feet above floor/Normal office activities	Field Blank	This column intentionally left blank
START/STOP	15:02:00/18:02:00	15:14:00/18:14:00	N/A	
SAMPLE TIME	180 minutes	180 minutes	N/A	
Acremonium strictum	<1	<1	<1	
Alternaria alternata	<1	<1	<1	
Aspergillus flavus ^{a)}	<1	<1	<1	
Aspergillus fumigatus ^{b)}	<1	<1	<1	
Aspergillus niger ^{c)}	<1	<1	<1	
Aspergillus ochraceus ^{d)}	<1	<1	<1	
Aspergillus sydowii	<8	<8	<10	
Aspergillus ustus	<1	<1	<1	
Aspergillus versicolor	<1	<1	<2	
Chaetomium globosum	<1	<1	<1	
Cladosporium cladosporioides (T-1)	4	5	<1	
Cladosporium cladosporioides (T-2)	<1	1	<1	
Cladosporium herbarum	1	<1	<1	
Cladosporium sphaerospermum	1	<1	<1	
Eurotium (Asp.) amstelodami ^{e)}	<1	<1	<1	
Memnoniella echinata	<1	<1	<1	
Paecilomyces variotii	<1	<1	<1	
Penicillium aurantiogriseum ^{f)}	<2	<2	<3	
Penicillium brevicompactum	<2	<2	<3	
Penicillium chrysogenum (T-2) ^{g)}	<1	<1	<1	
Penicillium purpurogenum	<2	<1	<2	
Penicillium variable	<5	<5	<6	
Scopulariopsis brevicaulis ^{h)}	<1	<1	<1	
Stachybotrys chartarum	1	<1	<1	
Trichoderma viride ⁱ⁾	<1	<1	<1	
Ulocladium botrytis	<1	<1	<1	

a) Includes A. flavus and A. oryzae

c) Includes A. niger, A.foetidus and A.phoenicis

e) Includes E. amstelodami, E.chevalieri, E.herbariorum, E.rubrum and E.repens

g) Includes dominant subgroups of species

i) Includes T.viride, T.atroviride and T.koningii

b) Includes A. fumigatus and Neosartorya fischeri

d) Includes A. ochraceus and A.ostianus

f) Includes P. aurantiogriseum, P.freii, P.polonicum, P.tricolor and P.viridicatum

h) Includes S.brevicaulis and S.fusca

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY27, 2012**

Page 1

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P02	21207001-8 P03	21207001-8 P04	21207001-8 P06
SAMPLING LOCATION/ACTIVITIES	Conference Room 109; about center; approximately five feet above floor/Sampling activities only	3 rd Floor; Elevator Lobby; approximately five feet above floor/Sampling activities only	5 th Floor; Elevator Lobby; approximately five feet above floor/Sampling activities only	9 th Floor; Elevator Lobby; approximately five feet above floor/Sampling activities only
START/STOP	05:23:00/08:23:00	05:29:00/08:36:00	05:33:00/08:42:00	05:47:00/08:51:00
SAMPLE TIME	180 minutes	187 minutes	189 minutes	184 minutes
Cladosporium cladosporioides (T-1)	<1	12	13	20
Cladosporium cladosporioides (T-2)	<1	<1	<1	<1
Cladosporium herbarum	1	1	1	2
Cladosporium sphaerospermum	<1	<1	1	<1

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY27, 2012**

Page 2

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P08	21207001-8 P09	21207001-8 P11	21207001-8 P14
SAMPLING LOCATION/ACTIVITIES	15 th Floor; Elevator Lobby; about center; approximately five feet above floor/Sampling activities only	17 th Floor; Elevator Lobby; approximately five feet above floor/Sampling activities only	21 st Floor; Elevator Lobby; approximately five feet above floor/Sampling activities only	23 rd Floor; Room 2322D; northeast corner; approximately five feet above floor/Normal office activities
START/STOP	05:58:00/08:59:00	06:03:00/09:03:00	06:15:00/09:10:00	10:03:00/13:24:00
SAMPLE TIME	181 minutes	180 minutes	175 minutes	201 minutes
Cladosporium cladosporioides (T-1)	2	6	8	<1
Cladosporium cladosporioides (T-2)	1	<1	1	1
Cladosporium herbarum	1	1	1	1
Cladosporium sphaerospermum	1	<1	<1	<1

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY27, 2012**

Page 3

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P15	21207001-8 P16	21207001-8 P17	21207001-8 P18
SAMPLING LOCATION/ACTIVITIES	21 st Floor; about 10 feet southwest of Column N20; approximately five feet above floor/Normal office activities	19 th Floor; Cubicle at Column K17; northern portion; approximately five feet above floor/Normal office activities	17 th Floor; Room 1723; cubicle at Column O18; about center; approximately five feet above floor/Normal office activities	15 th Floor; cubicle at Column N17; approximately five feet above floor/Normal office activities
START/STOP	10:08:00/13:08:00	10:13:00/13:10:00	10:18:00/13:19:00	10:26:00/13:26:00
SAMPLE TIME	180 minutes	177 minutes	181 minutes	180 minutes
Cladosporium cladosporioides (T-1)	10	<1	2	2
Cladosporium cladosporioides (T-2)	<1	33	<1	<1
Cladosporium herbarum	1	<1	<1	<1
Cladosporium sphaerospermum	<1	<1	<1	<1

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY27, 2012**

Page 4

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P19	21207001-8 P20	21207001-8 P21	21207001-8 P26
SAMPLING LOCATION/ACTIVITIES	11 th Floor; Column N19/N20 area; approximately five feet above floor/Normal office activities	9 th Floor; cubicle at Column K17 area; about center; approximately five feet above floor/Normal office activities	7 th Floor; Column M18 area; Cubicle 154; approximately five feet above floor/Normal office activities	1 st Floor; hallway south of low-rise elevator lobby; approximately five feet above floor/Normal office activities
START/STOP	10:31:00/11:08:00; 11:09:00/13:32:00	10:36:00/13:36:00	10:41:00/13:45:00	14:16:00/17:16:00
SAMPLE TIME	180 minutes	180 minutes	184 minutes	180 minutes
Cladosporium cladosporioides (T-1)	20	2	<1	7
Cladosporium cladosporioides (T-2)	<1	1	1	1
Cladosporium herbarum	1	1	1	1
Cladosporium sphaerospermum	1	<1	<1	1

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY27, 2012**

Page 5

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P27	21207001-8 P28	21207001-8 P29	21207001-8 P31
SAMPLING LOCATION/ACTIVITIES	3rd Floor; about 10 feet south of Column N20 area; approximately five feet above floor/Normal office activities	5 th Floor; about seven feet southwest of Column K21 approximately five feet above floor/Normal office activities	7 th Floor; about 10 feet northeast of Column N21 approximately five feet above floor/Normal office activities	11 th Floor; cubicle at Column L23 approximately five feet above floor/Normal office activities
START/STOP	14:24:00/17:24:00	14:30:00/17:30:00	14:39:00/17:41:00	14:49:00/17:52:00
SAMPLE TIME	180 minutes	180 minutes	182 minutes	183 minutes
Cladosporium cladosporioides (T-1)	3	6	9	<1
Cladosporium cladosporioides (T-2)	1	<1	1	<1
Cladosporium herbarum	1	<1	1	2
Cladosporium sphaerospermum	<1	<1	<1	<1

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

APPENDIX A



**TABLE 21207001-8B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY27, 2012**

Page 6

Results reported in spore equivalent per cubic meter of air (SE/m³)

SAMPLE NUMBER	21207001-8 P34	21207001-8 P36		
SAMPLING LOCATION/ACTIVITIES	19 th Floor; Conference Room 1917; northern portion; about center; approximately five feet above floor/Normal office activities	23 rd Floor; Room 2311D; eastern portion; approximately five feet above floor/Normal office activities	This column intentionally left blank	This column intentionally left blank
START/STOP	15:14:00/18:14:00	15:20:00/18:21:00		
SAMPLE TIME	180 minutes	181 minutes		
Cladosporium cladosporioides (T-1)	6	2		
Cladosporium cladosporioides (T-2)	<1	1		
Cladosporium herbarum	1	1		
Cladosporium sphaerospermum	<1	<1		



PCR - Custom Panel

Prepared Exclusively For:

Hygiene Technologies International, Inc.:
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Project Name: 21207001-8

Project ID Number: 951873

August 8, 2012

This report has been prepared at the request of and for the exclusive use of the client named in this report. EMLabP&K will not release results or report to a third party without prior written consent.

Results:

Sample ID	21207001-8-P01 Out		21207001-8-P05		21207001-8-P07	
Air Volume [m ³]	1.440		1.495		1.455	
Fungal ID	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
<i>Acremonium strictum</i>	ND	<1	1	1	ND	<1
<i>Alternaria alternata</i>	ND	<2	ND	<1	ND	<1
<i>Aspergillus flavus</i> ^a	ND	<1	ND	<1	ND	<1
<i>Aspergillus fumigatus</i> ^b	44	30	20	14	ND	<1
<i>Aspergillus niger</i> ^c	7	5	3	2	31	21
<i>Aspergillus ochraceus</i> ^d	ND	<1	ND	<1	ND	<1
<i>Aspergillus sydowii</i>	ND	<16	ND	<15	ND	<8
<i>Aspergillus ustus</i>	ND	<1	ND	<1	ND	<1
<i>Aspergillus versicolor</i>	ND	<2	ND	<2	ND	<1
<i>Chaetomium globosum</i>	ND	<1	ND	<1	ND	<1
<i>Cladosporium cladosporioides</i> (Type 1)	310	210	8	5	12	9
<i>Cladosporium cladosporioides</i> (Type 2)	8	6	1	1	1	1
<i>Cladosporium herbarum</i>	12	8	1	1	1	1
<i>Cladosporium sphaerospermum</i>	ND	<1	ND	<1	ND	<1
<i>Eurotium</i> (Asp.) <i>amstelodami</i> ^e	110	78	32	22	ND	<1
<i>Memnoniella echinata</i>	ND	<1	ND	<1	ND	<1
<i>Paecilomyces variotii</i>	ND	<1	ND	<1	ND	<1
<i>Penicillium aurantiogriseum</i> ^f	ND	<4	ND	<4	ND	<2
<i>Penicillium brevicompactum</i>	36	25	ND	<4	ND	<2
<i>Penicillium chrysogenum</i> (Type 2) ^g	ND	<1	ND	<1	ND	<1
<i>Penicillium purpurogenum</i>	ND	<3	ND	<3	ND	<1
<i>Penicillium variable</i>	ND	<10	ND	<9	ND	<5
<i>Scopulariopsis brevicaulis</i> ^h	4	3	ND	<1	ND	<1
<i>Stachybotrys chartarum</i>	ND	<1	ND	<1	ND	<1
<i>Trichoderma viride</i> ⁱ	ND	<1	16	11	ND	<1
<i>Ulocladium botrytis</i>	ND	<1	ND	<1	ND	<1

* SE = Spore Equivalents, ND = Not Detected

^a Includes *A. flavus* and *A. oryzae*

^b Includes *A. fumigatus* and *Neosartorya fischeri*

^c Includes *A. niger*, *A. foetidus* and *A. phoenicis*

^d Includes *A. ochraceus* and *A. ostianus*

^e Includes *E. amstelodami*, *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*

^f Includes *Penicillium aurantiogriseum*, *P. freii*, *P. polonicum*, *P. tricolor*, *P. viridicatum*

^g Includes dominant subgroup of species

^h Includes *S. brevicaulis* and *S. fusca*

ⁱ Includes *T. viride*, *T. atroviride* and *T. koningii*

Results:

Sample ID	21207001-8-P10		21207001-8-P12		21207001-8-P13 Out	
Air Volume [m ³]	1.422		1.399		1.383	
Fungal ID	SE*	SE/m ³	SE*	SE/m ³	SE*	SE/m ³
<i>Acremonium strictum</i>	ND	<1	ND	<1	ND	<1
<i>Alternaria alternata</i>	ND	<1	ND	<1	ND	<1
<i>Aspergillus flavus</i> ^a	ND	<1	ND	<1	1	1
<i>Aspergillus fumigatus</i> ^b	ND	<1	ND	<1	39	28
<i>Aspergillus niger</i> ^c	ND	<1	12	9	4	3
<i>Aspergillus ochraceus</i> ^d	ND	<1	ND	<1	ND	<1
<i>Aspergillus sydowii</i>	ND	<13	ND	<12	ND	<12
<i>Aspergillus ustus</i>	ND	<1	ND	<1	ND	<1
<i>Aspergillus versicolor</i>	ND	<2	ND	<2	ND	<2
<i>Chaetomium globosum</i>	ND	<1	ND	<1	ND	<1
<i>Cladosporium cladosporioides</i> (Type 1)	13	9	32	23	1400	1000
<i>Cladosporium cladosporioides</i> (Type 2)	1	1	ND	<1	15	11
<i>Cladosporium herbarum</i>	1	1	1	1	87	63
<i>Cladosporium sphaerospermum</i>	ND	<1	ND	<1	ND	<1
<i>Eurotium (Asp.) amstelodami</i> ^e	ND	<1	ND	<1	200	150
<i>Memnoniella echinata</i>	ND	<1	ND	<1	ND	<1
<i>Paecilomyces variotii</i>	ND	<1	ND	<1	1	1
<i>Penicillium aurantiogriseum</i> ^f	ND	<3	ND	<3	ND	<3
<i>Penicillium brevicompactum</i>	7	5	ND	<3	ND	<3
<i>Penicillium chrysogenum</i> (Type 2) ^g	ND	<1	ND	<1	ND	<1
<i>Penicillium purpurogenum</i>	ND	<2	ND	<2	ND	<2
<i>Penicillium variabile</i>	ND	<8	ND	<7	ND	<8
<i>Scopulariopsis brevicaulis</i> ^h	ND	<1	ND	<1	2	1
<i>Stachybotrys chartarum</i>	ND	<1	ND	<1	1	1
<i>Trichoderma viride</i> ⁱ	ND	<1	ND	<1	ND	<1
<i>Ulocladium botrytis</i>	ND	<1	ND	<1	ND	<1

* SE = Spore Equivalents, ND = Not Detected

^a Includes *A. flavus* and *A. oryzae*

^b Includes *A. fumigatus* and *Neosartorya fischeri*

^c Includes *A. niger*, *A. foetidus* and *A. phoenicis*

^d Includes *A. ochraceus* and *A. ostianus*

^e Includes *E. amstelodami*, *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*

^f Includes *Penicillium aurantiogriseum*, *P. freii*, *P. polonicum*, *P. tricolor*, *P. viridicatum*

^g Includes dominant subgroup of species

^h Includes *S. brevicaulis* and *S. fusca*

ⁱ Includes *T. viride*, *T. atroviride* and *T. koningii*

Results:

Sample ID	21207001-8-P22		21207001-8-P23		21207001-8-P24	
Air Volume [m ³]	1.391		1.455		1.500	
Fungal ID	SE*	SE/m ³	SE*	SE/m ³	SE*	SE/m ³
<i>Acremonium strictum</i>	ND	<1	ND	<1	ND	<1
<i>Alternaria alternata</i>	ND	<1	ND	<1	ND	<1
<i>Aspergillus flavus</i> ^a	ND	<1	ND	<1	ND	<1
<i>Aspergillus fumigatus</i> ^b	ND	<1	ND	<1	ND	<1
<i>Aspergillus niger</i> ^c	1	1	ND	<1	ND	<1
<i>Aspergillus ochraceus</i> ^d	ND	<1	ND	<1	ND	<1
<i>Aspergillus sydowii</i>	ND	<7	ND	<6	ND	<7
<i>Aspergillus ustus</i>	1	1	ND	<1	ND	<1
<i>Aspergillus versicolor</i>	ND	<1	ND	<1	ND	<1
<i>Chaetomium globosum</i>	ND	<1	ND	<1	ND	<1
<i>Cladosporium cladosporioides</i> (Type 1)	ND	<1	6	4	15	10
<i>Cladosporium cladosporioides</i> (Type 2)	1	1	1	1	1	1
<i>Cladosporium herbarum</i>	1	1	ND	<1	1	1
<i>Cladosporium sphaerospermum</i>	ND	<1	ND	<1	ND	<1
<i>Eurotium (Asp.) amstelodami</i> ^e	ND	<1	ND	<1	ND	<1
<i>Memnoniella echinata</i>	ND	<1	ND	<1	ND	<1
<i>Paecilomyces variotii</i>	ND	<1	ND	<1	ND	<1
<i>Penicillium aurantiogriseum</i> ^f	ND	<2	ND	<2	ND	<2
<i>Penicillium brevicompactum</i>	ND	<2	ND	<2	ND	<2
<i>Penicillium chrysogenum</i> (Type 2) ^g	ND	<1	ND	<1	ND	<1
<i>Penicillium purpurogenum</i>	ND	<1	ND	<1	ND	<1
<i>Penicillium variabile</i>	ND	<4	ND	<3	ND	<4
<i>Scopulariopsis brevicaulis</i> ^h	ND	<1	ND	<1	ND	<1
<i>Stachybotrys chartarum</i>	ND	<1	ND	<1	ND	<1
<i>Trichoderma viride</i> ⁱ	ND	<1	ND	<1	ND	<1
<i>Ulocladium botrytis</i>	ND	<1	ND	<1	ND	<1

* SE = Spore Equivalents, ND = Not Detected

^a Includes *A. flavus* and *A. oryzae*

^b Includes *A. fumigatus* and *Neosartorya fischeri*

^c Includes *A. niger*, *A. foetidus* and *A. phoenicis*

^d Includes *A. ochraceus* and *A. ostianus*

^e Includes *E. amstelodami*, *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*

^f Includes *Penicillium aurantiogriseum*, *P. freii*, *P. polonicum*, *P. tricolor*, *P. viridicatum*

^g Includes dominant subgroup of species

^h Includes *S. brevicaulis* and *S. fusca*

ⁱ Includes *T. viride*, *T. atroviride* and *T. koningii*

Results:

Sample ID	21207001-8-P25 Out		21207001-8-P30		21207001-8-P32	
Air Volume [m ³]	1.431		1.474		1.439	
Fungal ID	SE*	SE/m ³	SE*	SE/m ³	SE*	SE/m ³
<i>Acremonium strictum</i>	2	1	ND	<1	ND	<1
<i>Alternaria alternata</i>	1	1	ND	<1	ND	<1
<i>Aspergillus flavus</i> ^a	ND	<1	ND	<1	ND	<1
<i>Aspergillus fumigatus</i> ^b	ND	<1	1	1	ND	<1
<i>Aspergillus niger</i> ^c	27	19	ND	<1	1	1
<i>Aspergillus ochraceus</i> ^d	1	1	ND	<1	ND	<1
<i>Aspergillus sydowii</i>	ND	<7	ND	<8	ND	<8
<i>Aspergillus ustus</i>	ND	<1	ND	<1	ND	<1
<i>Aspergillus versicolor</i>	2	1	ND	<1	ND	<1
<i>Chaetomium globosum</i>	ND	<1	ND	<1	ND	<1
<i>Cladosporium cladosporioides</i> (Type 1)	1300	900	ND	<1	3	2
<i>Cladosporium cladosporioides</i> (Type 2)	69	49	ND	<1	1	1
<i>Cladosporium herbarum</i>	45	31	1	1	1	1
<i>Cladosporium sphaerospermum</i>	1	1	ND	<1	ND	<1
<i>Eurotium (Asp.) amstelodami</i> ^e	ND	<1	ND	<1	ND	<1
<i>Memnoniella echinata</i>	ND	<1	ND	<1	ND	<1
<i>Paecilomyces variotii</i>	1	1	ND	<1	ND	<1
<i>Penicillium aurantiogriseum</i> ^f	ND	<2	ND	<2	ND	<2
<i>Penicillium brevicompactum</i>	7	5	ND	<2	ND	<2
<i>Penicillium chrysogenum</i> (Type 2) ^g	ND	<1	ND	<1	ND	<1
<i>Penicillium purpurogenum</i>	ND	<1	ND	<1	ND	<1
<i>Penicillium variabile</i>	ND	<4	ND	<4	ND	<4
<i>Scopulariopsis brevicaulis</i> ^h	5	4	ND	<1	ND	<1
<i>Stachybotrys chartarum</i>	ND	<1	ND	<1	ND	<1
<i>Trichoderma viride</i> ⁱ	ND	<1	ND	<1	ND	<1
<i>Ulocladium botrytis</i>	ND	<1	ND	<1	ND	<1

* SE = Spore Equivalents, ND = Not Detected

^a Includes *A. flavus* and *A. oryzae*

^b Includes *A. fumigatus* and *Neosartorya fischeri*

^c Includes *A. niger*, *A. foetidus* and *A. phoenicis*

^d Includes *A. ochraceus* and *A. ostianus*

^e Includes *E. amstelodami*, *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*

^f Includes *Penicillium aurantiogriseum*, *P. freii*, *P. polonicum*, *P. tricolor*, *P. viridicatum*

^g Includes dominant subgroup of species

^h Includes *S. brevicaulis* and *S. fusca*

ⁱ Includes *T. viride*, *T. atroviride* and *T. koningii*

Sample ID	21207001-8-P33		21207001-8-35		21207001-8-P37 Blank	
Air Volume [m ³]	1.476		1.449		NA	
Fungal ID	SE*	SE/m3	SE*	SE/m3	SE*	SE/sample
<i>Acremonium strictum</i>	ND	<1	ND	<1	ND	<1
<i>Alternaria alternata</i>	ND	<1	ND	<1	ND	<1
<i>Aspergillus flavus</i> ^a	ND	<1	ND	<1	ND	<1
<i>Aspergillus fumigatus</i> ^b	ND	<1	ND	<1	ND	<1
<i>Aspergillus niger</i> ^c	ND	<1	ND	<1	ND	<1
<i>Aspergillus ochraceus</i> ^d	ND	<1	ND	<1	ND	<1
<i>Aspergillus sydowii</i>	ND	<8	ND	<8	ND	<10
<i>Aspergillus ustus</i>	ND	<1	ND	<1	ND	<1
<i>Aspergillus versicolor</i>	ND	<1	ND	<1	ND	<2
<i>Chaetomium globosum</i>	ND	<1	ND	<1	ND	<1
<i>Cladosporium cladosporioides</i> (Type 1)	7	4	7	5	ND	<1
<i>Cladosporium cladosporioides</i> (Type 2)	ND	<1	1	1	ND	<1
<i>Cladosporium herbarum</i>	1	1	ND	<1	ND	<1
<i>Cladosporium sphaerospermum</i>	1	1	ND	<1	ND	<1
<i>Eurotium (Asp.) amstelodami</i> ^e	ND	<1	ND	<1	ND	<1
<i>Memnoniella echinata</i>	ND	<1	ND	<1	ND	<1
<i>Paecilomyces variotii</i>	ND	<1	ND	<1	ND	<1
<i>Penicillium aurantiogriseum</i> ^f	ND	<2	ND	<2	ND	<3
<i>Penicillium brevicompactum</i>	ND	<2	ND	<2	ND	<3
<i>Penicillium chrysogenum</i> (Type 2) ^g	ND	<1	ND	<1	ND	<1
<i>Penicillium purpurogenum</i>	ND	<2	ND	<1	ND	<2
<i>Penicillium variable</i>	ND	<5	ND	<5	ND	<6
<i>Scopulariopsis brevicaulis</i> ^h	ND	<1	ND	<1	ND	<1
<i>Stachybotrys chartarum</i>	1	1	ND	<1	ND	<1
<i>Trichoderma viride</i> ⁱ	ND	<1	ND	<1	ND	<1
<i>Ulocladium botrytis</i>	ND	<1	ND	<1	ND	<1

* SE = Spore Equivalents, ND = Not Detected

^a Includes *A. flavus* and *A. oryzae*

^b Includes *A. fumigatus* and *Neosartorya fischeri*

^c Includes *A. niger*, *A. foetidus* and *A. phoenicis*

^d Includes *A. ochraceus* and *A. ostianus*

^e Includes *E. amstelodami*, *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*

^f Includes *Penicillium aurantiogriseum*, *P. freii*, *P. polonicum*, *P. tricolor*, *P. viridicatum*

^g Includes dominant subgroup of species

^h Includes *S. brevicaulis* and *S. fusca*

ⁱ Includes *T. viride*, *T. atroviride* and *T. koningii*

This communication is intended only for the individual or entity to which it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately by telephone at 800.651.4802, and delete this message and all attachments thereto. For additional information, or if you have any questions regarding this report, please do not hesitate to call.



PCR - Custom Panel

Prepared Exclusively For:

Hygiene Technologies International, Inc.:
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Project Name: 21207001-8

Project ID Number: 951873

August 8, 2012

This report has been prepared at the request of and for the exclusive use of the client named in this report. EMLabP&K will not release results or report to a third party without prior written consent.

Results:

Sample ID	21207001-8-P02		21207001-8-P03		21207001-8-P04	
Air Volume [m ³]	1.413		1.459		1.474	
Fungal ID	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
<i>Cladosporium cladosporioides</i> (Type 1)	ND	<1	17	12	19	13
<i>Cladosporium cladosporioides</i> (Type 2)	ND	<1	ND	<1	ND	<1
<i>Cladosporium herbarum</i>	2	1	1	1	1	1
<i>Cladosporium sphaerospermum</i>	ND	<1	ND	<1	1	1

Sample ID	21207001-8-P06		21207001-8-P08		21207001-8-P09	
Air Volume [m ³]	1.500		1.439		1.422	
Fungal ID	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
<i>Cladosporium cladosporioides</i> (Type 1)	30	20	3	2	8	6
<i>Cladosporium cladosporioides</i> (Type 2)	ND	<1	1	1	ND	<1
<i>Cladosporium herbarum</i>	3	2	1	1	1	1
<i>Cladosporium sphaerospermum</i>	ND	<1	1	1	ND	<1

Sample ID	21207001-8-P11		21207001-8-P14		21207001-8-P15	
Air Volume [m ³]	1.453		1.749		1.440	
Fungal ID	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
<i>Cladosporium cladosporioides</i> (Type 1)	11	8	ND	<1	14	10
<i>Cladosporium cladosporioides</i> (Type 2)	1	1	1	1	ND	<1
<i>Cladosporium herbarum</i>	2	1	2	1	1	1
<i>Cladosporium sphaerospermum</i>	ND	<1	ND	<1	ND	<1

Sample ID	21207001-8-P16		21207001-8-P17		21207001-8-P18	
Air Volume [m ³]	1.398		1.466		1.476	
Fungal ID	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
<i>Cladosporium cladosporioides</i> (Type 1)	ND	<1	3	2	3	2
<i>Cladosporium cladosporioides</i> (Type 2)	46	33	ND	<1	ND	<1
<i>Cladosporium herbarum</i>	ND	<1	ND	<1	ND	<1
<i>Cladosporium sphaerospermum</i>	ND	<1	ND	<1	ND	<1

Sample ID	21207001-8-P19		21207001-8-P20		21207001-8-P21	
Air Volume [m ³]	1.431		1.449		1.435	
Fungal ID	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
<i>Cladosporium cladosporioides</i> (Type 1)	28	20	3	2	ND	<1
<i>Cladosporium cladosporioides</i> (Type 2)	ND	<1	1	1	1	1
<i>Cladosporium herbarum</i>	1	1	1	1	1	1
<i>Cladosporium sphaerospermum</i>	1	1	ND	<1	ND	<1

Air Volume [m ³]	1.431		1.431		1.386	
Fungal ID	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
<i>Cladosporium cladosporioides</i> (Type 1)	10	7	4	3	8	6
<i>Cladosporium cladosporioides</i> (Type 2)	1	1	1	1	ND	<1
<i>Cladosporium herbarum</i>	1	1	1	1	ND	<1
<i>Cladosporium sphaerospermum</i>	1	1	ND	<1	ND	<1

Sample ID	21207001-8-P29		21207001-8-P31		21207001-8-P34	
Air Volume [m ³]	1.447		1.446		1.431	
Fungal ID	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
<i>Cladosporium cladosporioides</i> (Type 1)	13	9	ND	<1	8	6
<i>Cladosporium cladosporioides</i> (Type 2)	1	1	ND	<1	ND	<1
<i>Cladosporium herbarum</i>	1	1	3	2	1	1
<i>Cladosporium sphaerospermum</i>	ND	<1	ND	<1	ND	<1

Sample ID	21207001-8-36	
Air Volume [m ³]	1.520	
Fungal ID	SE*	SE/m3
<i>Cladosporium cladosporioides</i> (Type 1)	3	2
<i>Cladosporium cladosporioides</i> (Type 2)	1	1
<i>Cladosporium herbarum</i>	1	1
<i>Cladosporium sphaerospermum</i>	ND	<1

* SE = Spore Equivalents, ND = Not Detected

This communication is intended only for the individual or entity to which it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately by telephone at 800.651.4802, and delete this message and all attachments thereto. For additional information, or if you have any questions regarding this report, please do not hesitate to call.



HYGIENE TECH

Hygiene Technologies International, Inc.



000951873

ED D'ERAND ECOLOGICAL CORP.
Torrence, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hydrenetech.com

Request For Analysis

Project Number/Purchase Order: 212070018

Date Submitted: 7/30/12

Project Contact: Linda Ching / C-hip

Turnaround Required: Normal

Lab Destination: E.M LAB

Lab Contact: Sample Recording

Special Instructions: Please analyze sample NOL's p01 out
P05, P07, P10, P12 for PCR 23 Analysis

1. Sampled by: Hargrove 7/27/12 Received by:
2. Relinquished by: Hargrove 7/30/12 @ 19:08 Received by:
3. Relinquished by: Seel 7/31/12 Received by:
Please include signature, date, and time.

Lab Use Only:



HYGIENE TECHNOLOGY

Hygiene Technologies International, Inc.

000951873

Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
• www.hyglenetech.com

Request For Analysis

Project Number/Purchase Order: 21207001-8

Date Submitted: 7/30/12

Project Contact: L. Sandhu / K Hsi

Turnaround Required: Normal

Lab Destination: Eng LA B

Lab Contact: Sample Receiving

Special Instructions: Please also analyse Sample No 9
p130vt, p22, p23 & p24 For PCR 23 Analysis

1. Sampled by: Henry Shumard 7/27/12 @ 9:51 Received by: _____
2. Relinquished by: Henry Shumard on 7/30/12 @ 17:00 Received by: _____
3. Relinquished by: Sod 7/31/12 Received by: J.P. J. 1000 am
Please include signature, date, and time

Lab Use Only:



HYGIENE TECH

Hygiene Technologies International, Inc.



000951873

Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygianetech.com

Request For Analysis

Project Number/Purchase Order: 21207001-8

Date Submitted: 07/30/12

Project Contact: L Sandhu / K Hsi

Turnaround Required: Normal

Lab Destination: Env Lab.

Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21207001-8-P25out	1431L	37mm 3PC 5.4µm PEF	PCR custom panel (Cladosporium)
21207001-8-P26	1431L		
21207001-8-P27	1431L		
21207001-8-P28	1386 L		
21207001-8-P29	1447 L		
21207001-8-P30	1474 L		
21207001-8-P31	1446 L		
21207001-8-P32	1439 L		
21207001-8-P33	1476 L		
21207001-8-P34	1431 L		
21207001-8-P25	1449 L		
21207001-8-P36	1520 L		
21207001-8-P37 BLANK	N/A		↓ ①
			↓ ②

Special Instructions: Please also analyze Sample No's P25out, P30, P32, P33, P35 & P37 BLANK for PCR 23 analysis.

1. Sampled by: STampling on 7/27/12 @ 14:12 Received by: _____
2. Relinquished by: STampling on 7/30/12 @ 19:00 Received by: _____
3. Relinquished by: SDS 7/31/12 Received by: _____

Please include signature, date, and time.

Lab Use Only: